

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139564.D
 Acq On : 26 Sep 2024 23:48
 Operator : RC/JU
 Sample : P4198-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-5-WC-1

Quant Time: Sep 27 01:11:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

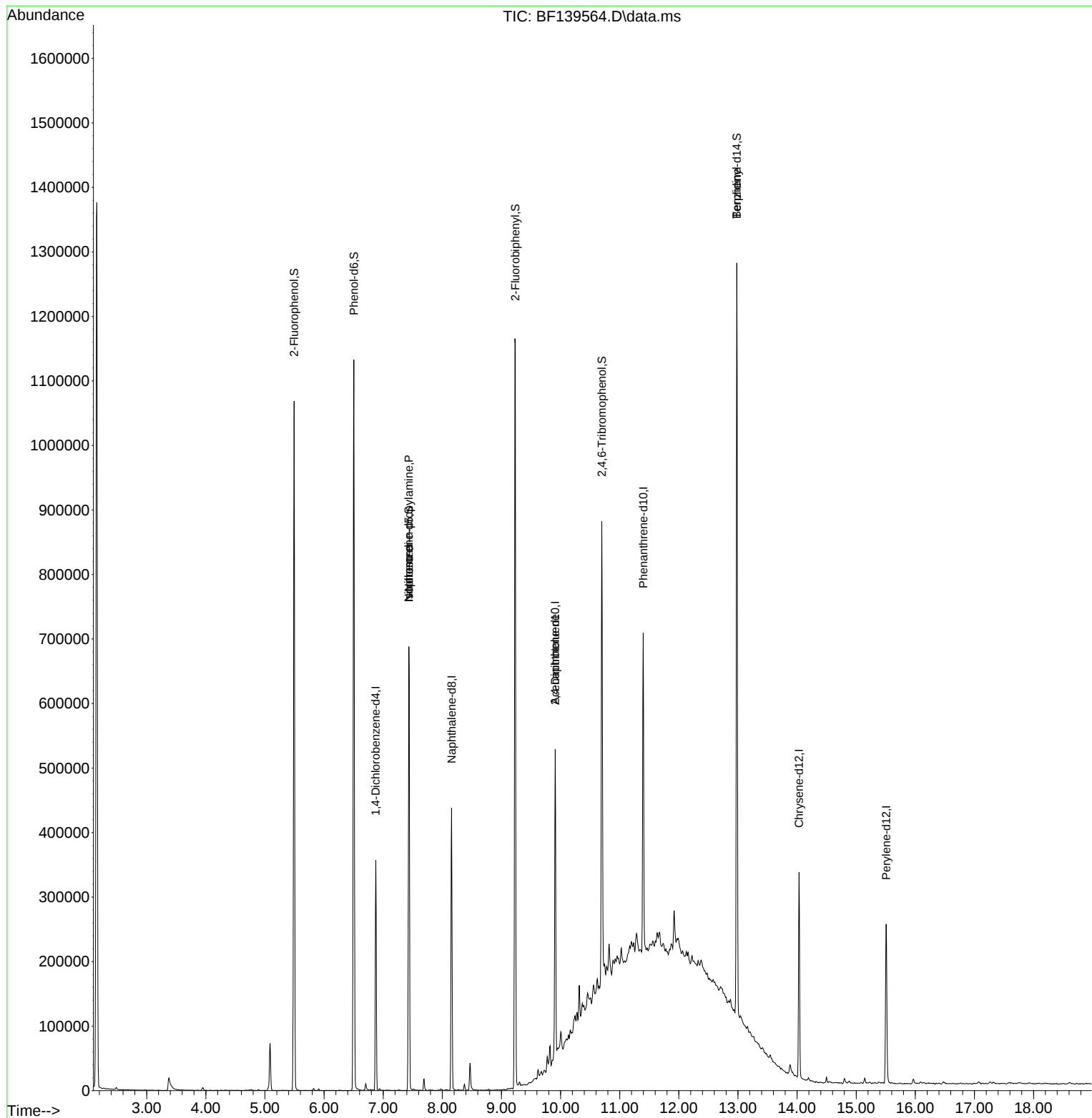
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69142	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	254099	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	136720	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253077	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148456	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	153585	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	348559	82.240	ng	0.00
7) Phenol-d6	6.504	99	486242	87.405	ng	0.00
23) Nitrobenzene-d5	7.434	82	287089	53.115	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	109965	75.549	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	523522	53.705	ng	0.00
79) Terphenyl-d14	12.980	244	550137	60.825	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	39170	11.882	ng	# 75
25) Isophorone	7.434	82	287087	33.585	ng	# 66
57) 2,4-Dinitrotoluene	9.910	165	18352	6.838	ng	# 16
77) Benzidine	12.980	184	8417	3.957	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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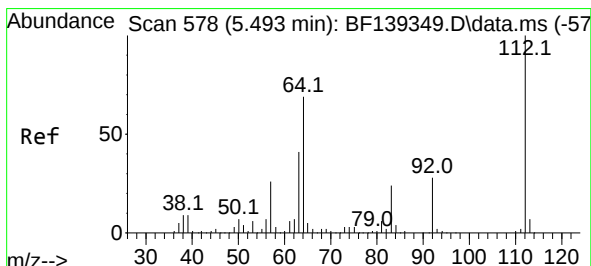
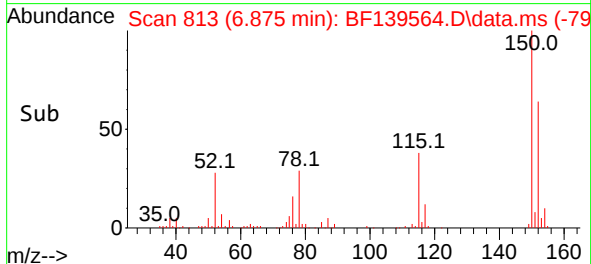
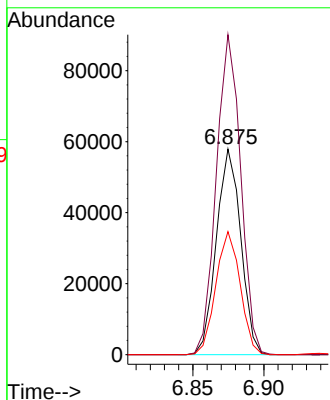
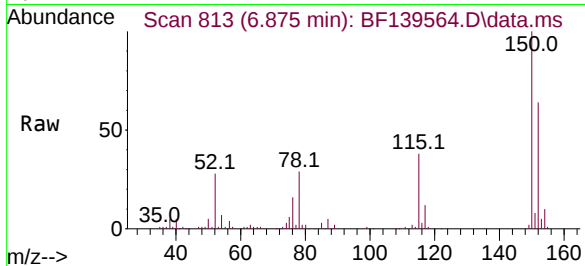




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

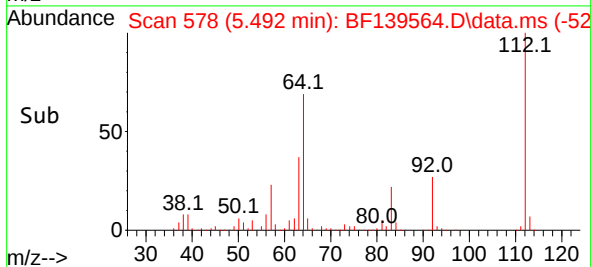
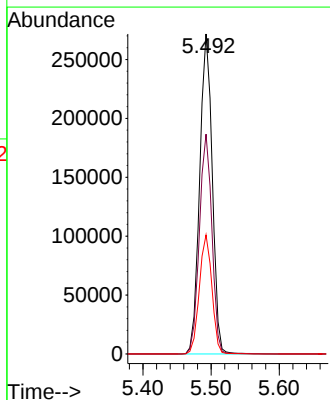
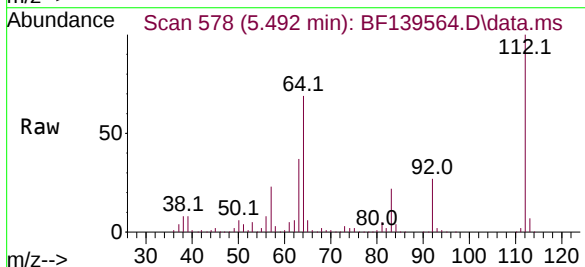
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

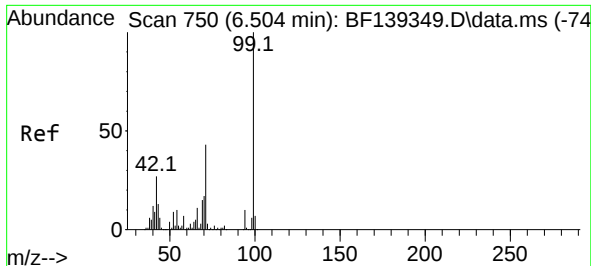
Tgt Ion:152 Resp: 69142
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 59.9 48.1 72.1



#5
2-Fluorophenol
Concen: 82.240 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:112 Resp: 348559
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 37.2 33.0 49.4





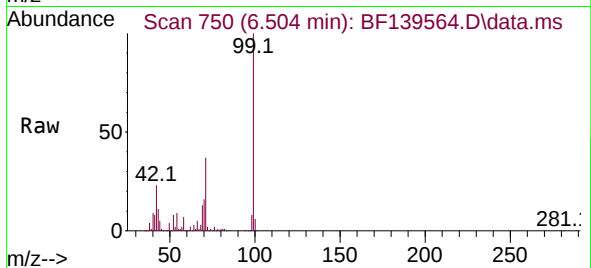
#7
Phenol-d6
Concen: 87.405 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Instrument :

BNA_F

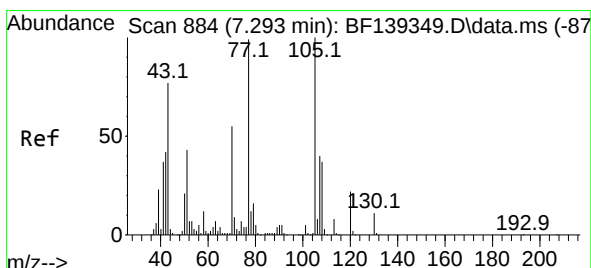
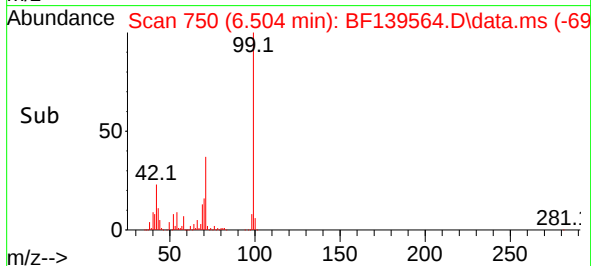
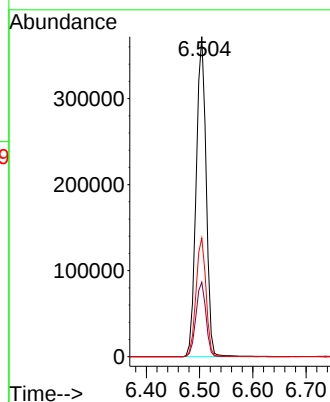
ClientSampleId :

TP1-5-WC-1



Tgt Ion: 99 Resp: 486242

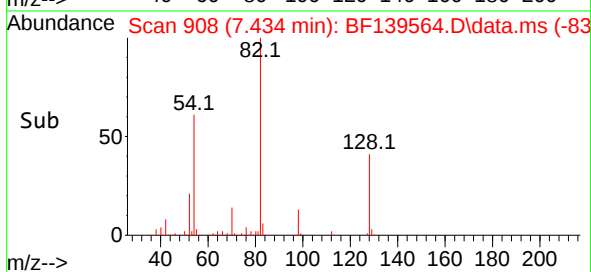
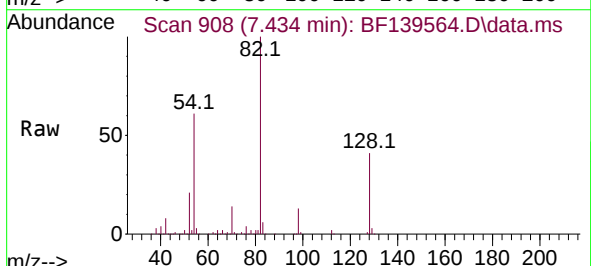
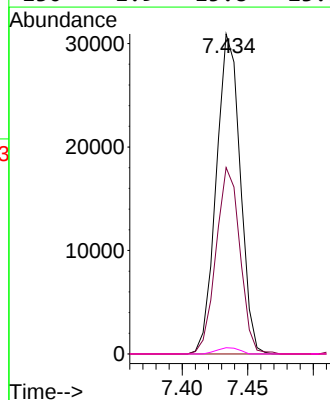
Ion	Ratio	Lower	Upper
99	100		
42	23.3	21.9	32.9
71	37.1	34.6	52.0

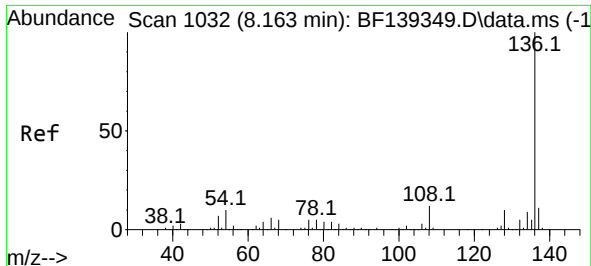


#19
n-Nitroso-di-n-propylamine
Concen: 11.882 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion: 70 Resp: 39170

Ion	Ratio	Lower	Upper
70	100		
42	58.3	61.2	91.8#
101	0.0	7.5	11.3#
130	1.9	15.8	23.8#

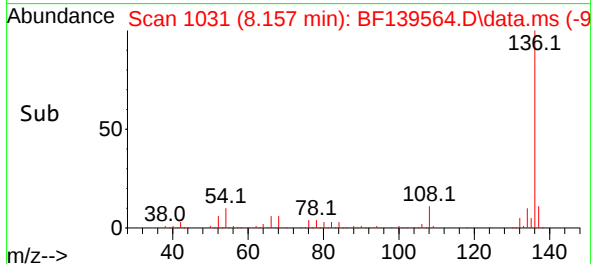
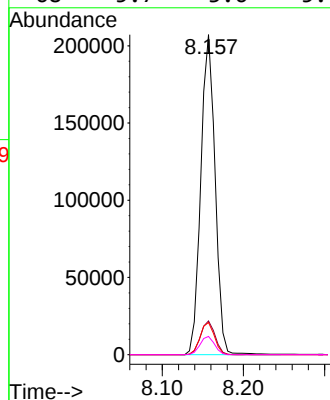
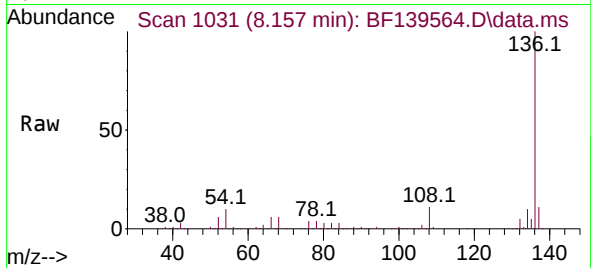




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

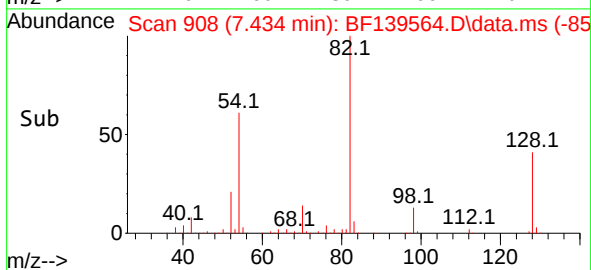
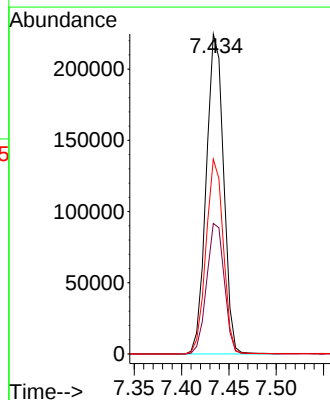
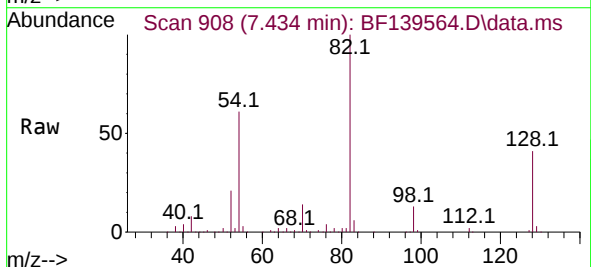
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

Tgt Ion:136	Resp: 254099
Ion Ratio	Lower Upper
136 100	
137 10.5	8.6 12.8
54 10.1	7.8 11.8
68 5.7	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 53.115 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion: 82	Resp: 287089
Ion Ratio	Lower Upper
82 100	
128 40.8	31.8 47.6
54 60.8	50.6 75.8

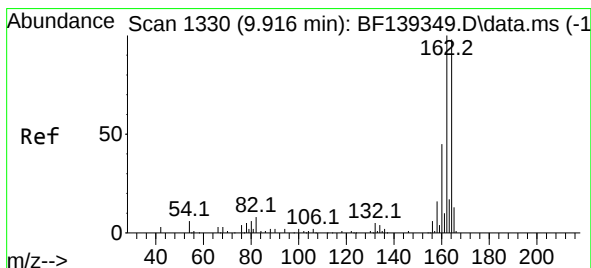
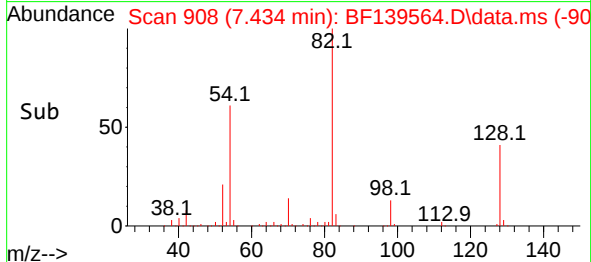
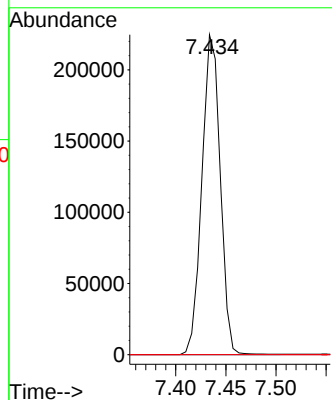
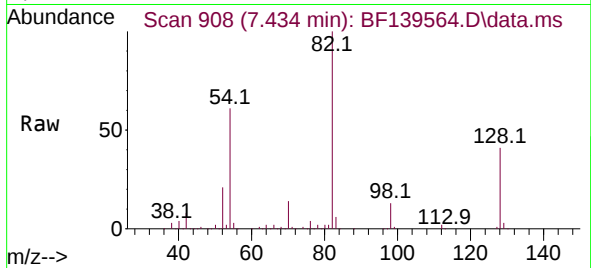




#25
Isophorone
Concen: 33.585 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

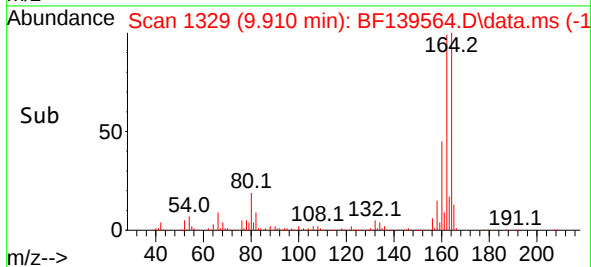
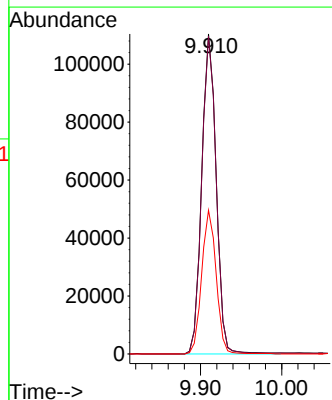
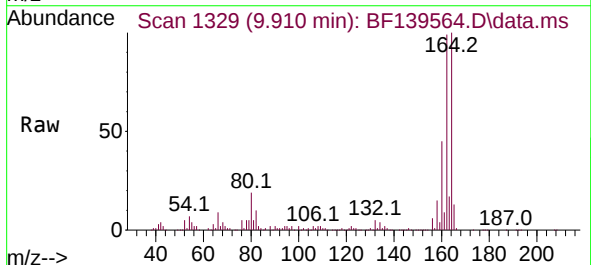
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

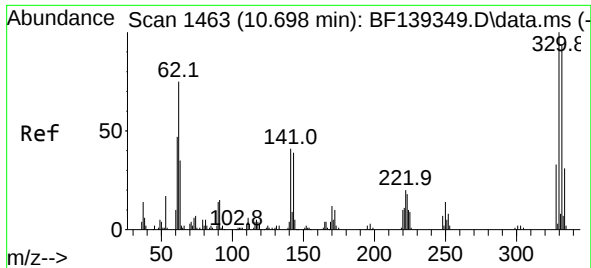
Tgt Ion: 82 Resp: 287087
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:164 Resp: 136720
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.9 36.4 54.6

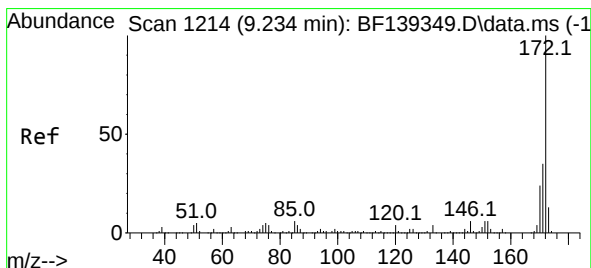
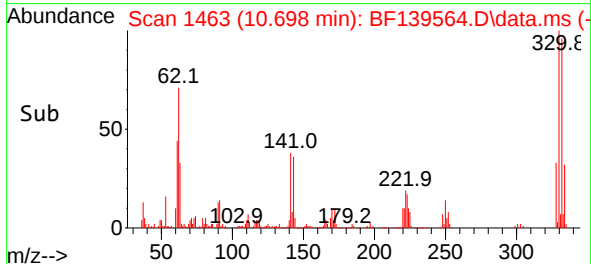
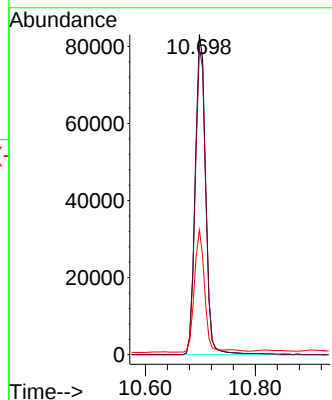
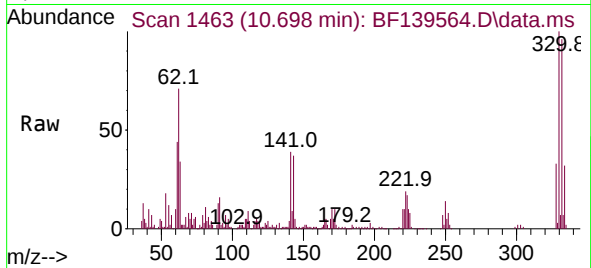




#42
2,4,6-Tribromophenol
Concen: 75.549 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

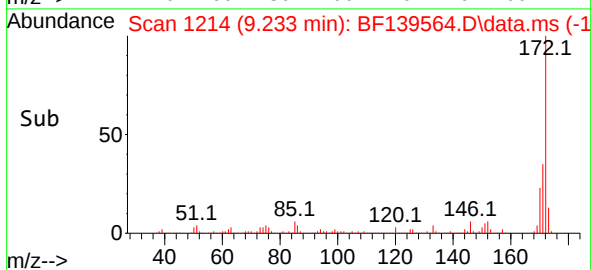
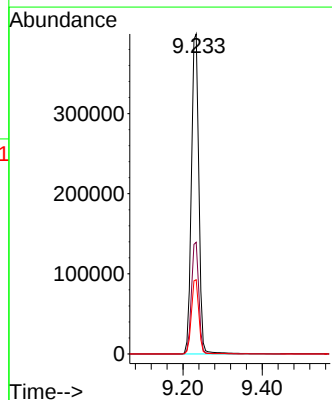
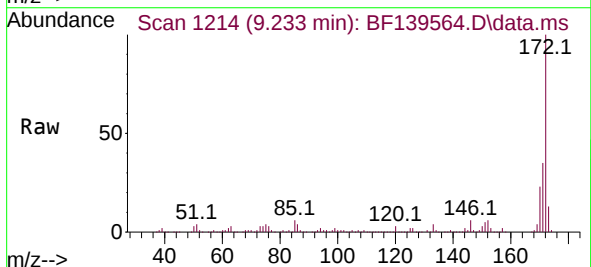
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

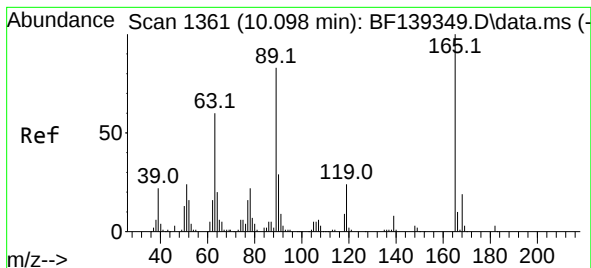
Tgt Ion:330 Resp: 109965
Ion Ratio Lower Upper
330 100
332 95.9 75.2 112.8
141 36.9 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 53.705 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:172 Resp: 523522
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 19.0 28.6

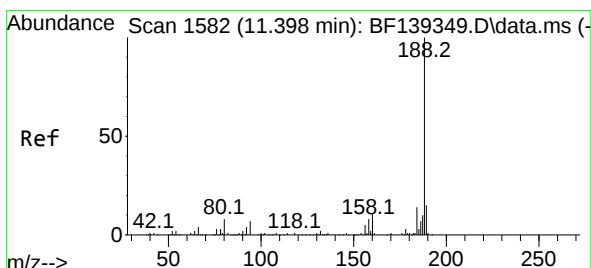
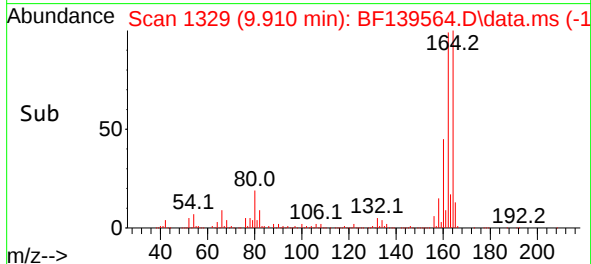
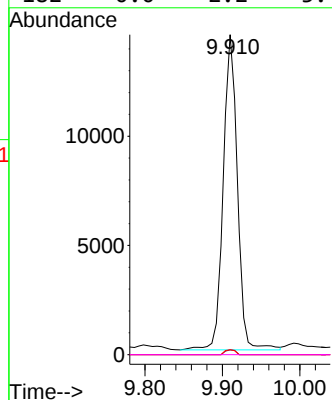
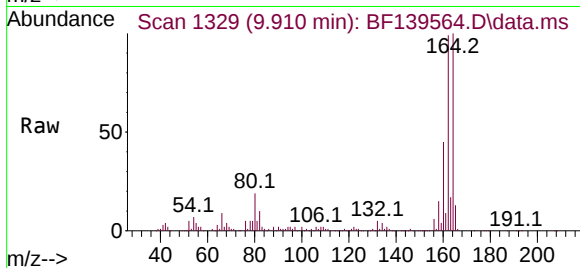




#57
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

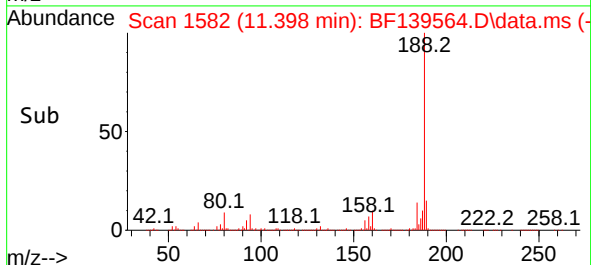
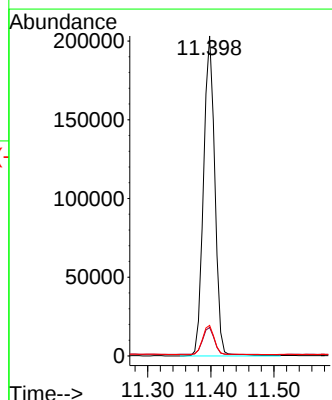
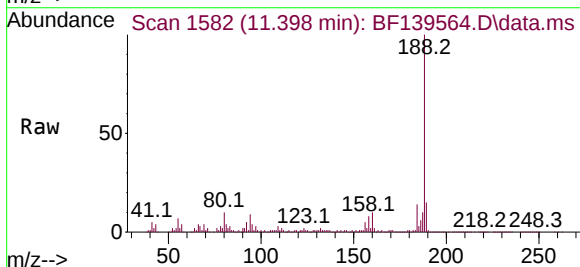
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

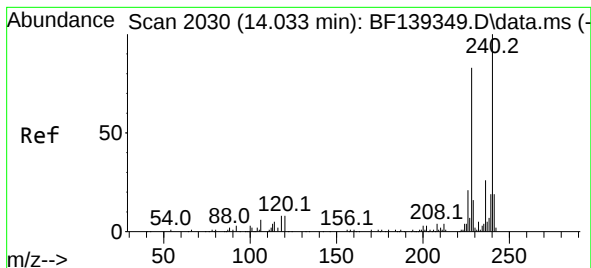
Tgt Ion:165 Resp: 18352
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 1.5 66.7 100.1#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:188 Resp: 253077
Ion Ratio Lower Upper
188 100
94 8.9 5.5 8.3#
80 9.5 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139564.D

Acq: 26 Sep 2024 23:48

Instrument :

BNA_F

ClientSampleId :

TP1-5-WC-1

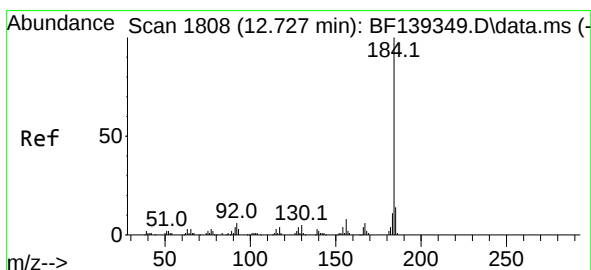
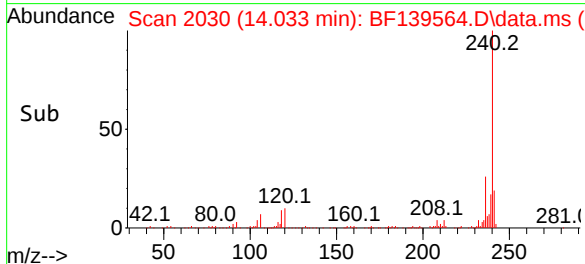
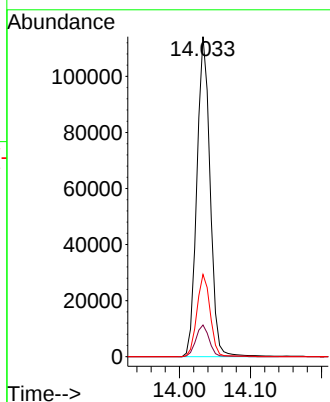
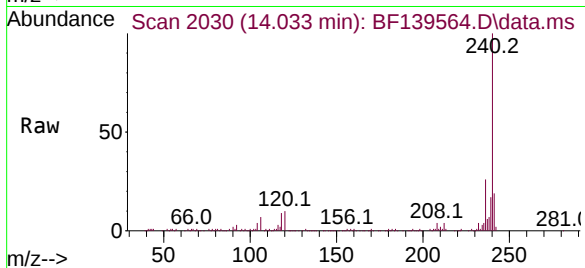
Tgt Ion:240 Resp: 148456

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.7 20.9 31.3



#77

Benzidine

Concen: 3.957 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139564.D

Acq: 26 Sep 2024 23:48

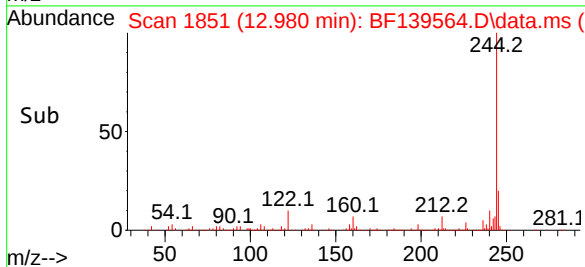
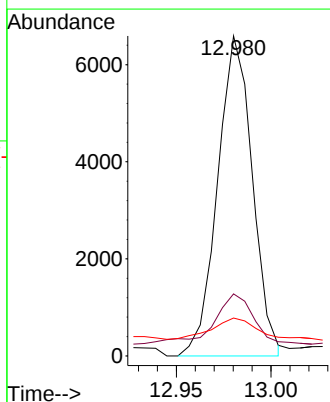
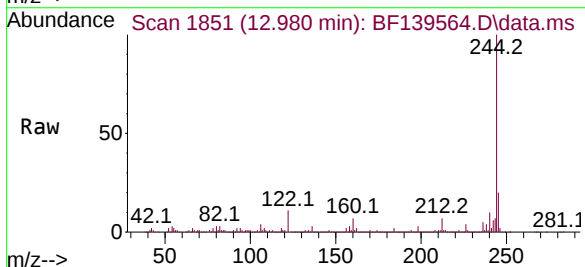
Tgt Ion:184 Resp: 8417

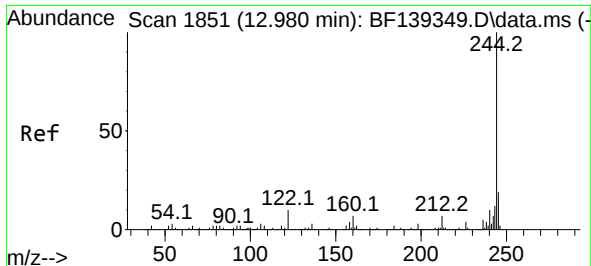
Ion Ratio Lower Upper

184 100

185 19.4 11.5 17.3#

183 11.8 8.9 13.3

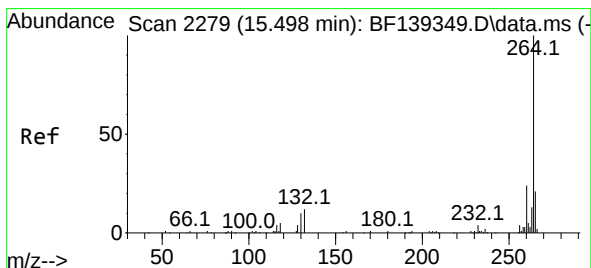
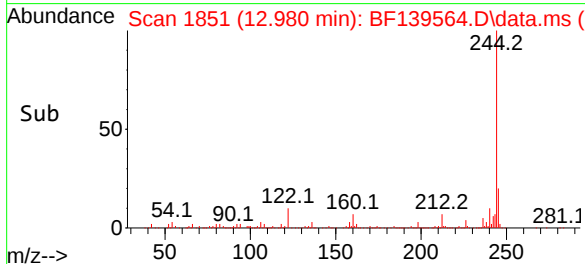
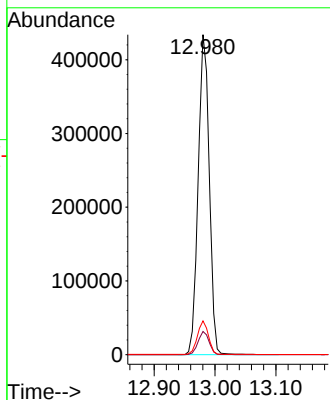
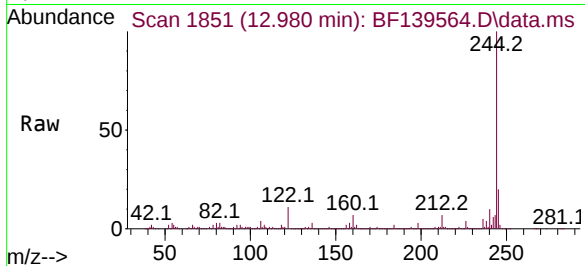




#79
Terphenyl-d14
Concen: 60.825 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

Tgt Ion:244 Resp: 550137
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.6 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:264 Resp: 153585
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 20.8 16.6 25.0

